

## NOTES:

1. ADHERE ES00140-4 TO DEFLECTOR AS FOLLOWS:

- A. PRE-FIT PARTS TO DEFLECTOR. RELIEF CUTS IN LEGS OF TRIP PERMISSABLE.  
B. CLEAN FAYING SURFACES OF DEFLECTOR USING ISOPROPYL ALCOHOL.  
C. ADHERE USING PERMATIX QUICK GEL OR EQUIVALENT.

2. REFER TO MASTER MOLD FOR CONTOURS AND DIMENSIONS NOT SHOWN.  
(REF SH. 3 FOR MASTER MOLD INFORMATION)

3. -1 ASSEMBLY EQUIVALENT TO 206-064-226-101 (BHT)  
-2 ASSEMBLY EQUIVALENT TO 206-064-226-103 (BHT)

4. PERMISSIBLE TO REMOVE MATERIAL FROM FLANGES TO PRODUCE SMOOTH EVEN SURFACE.  
MAINTAIN FLANGE THICKNESS REQUIREMENT.

5. ADHERE 407SD-100-(3/4/5/6) NEOPRENE RUBBER TO SNOW DEFLECTOR AS FOLLOWS:

- A. CLEAN SURFACE OF SNOW DEFLECTOR WITH ISOPROPYL ALCOHOL  
B. ROUGH SURFACE OF CHAFE SEAL WITH 80 GRIT SAND PAPER  
C. BOND USING 3M WEATHERSTRIP ADHESIVE OR EQUIVALENT  
D. MATCH DRILL HOLES AS NECESSARY

6. MUST MAINTAIN MINIMUM REQUIREMENTS PER NOTES 7 AND 8. DRILL HOLES.  
(REF AT MASTER MOLD INDENTATION MARKS. SEE SHEET 3 FOR MASTER MOLD P/N.)

7. MINIMUM ILLUSTRATED MATERIAL AS TRIMMED AT THIS LOCATION 0.250 INCH.

8. MINIMUM ILLUSTRATED MATERIAL AS TRIMMED AT THIS LOCATION 0.273 INCH.

9. FIT TO COWL AND TRIM -10 AND -11 COMPONENTS. ALLOW 0.10 INCH CLEARANCE  
FOR SEAL INSTALLATION.10. TRIM EXTERIOR EDGE OF 407SD-100-(3/4/5/6) NEOPRENE RUBBER TO MATCH CONTOUR  
OF 407SD-100-(1/-2) DEFLECTOR

## REVISION HISTORY

DATE	REV	DESCRIPTION	AUTHOR	CHECKED BY	APPROVED
08/01/97	N/C	INITIAL RELEASE	RHSM	LS	REB
12/14/06	A	ES00130-1 WAS 18 IN., SHT2 ADDED P/N ID. UPDATED FORMAT, ADDED DIM 1.10. ADDED NOTE 6, HOLE LOC'S ID'D AS (REF), ADDED SH 3, -10, -11 DEFLECTORS. VIEW A-A WAS ON SH 1. ADDED MASTER MOLD P/NS. SH 2: ADDED NOTE "FIT TO COWL AND TRIM." ADDED DIM 0.75. ADDED DIM R0.50 (TYP 6 PLCS).	REB	LS	REB
05/24/12	B	ADDED VENDOR P/NS APP'L TO -10, -11. ES00130-1 QTY 0.3 WAS 30". CLAIRIFIED EDGE DISTANCE SPEC SHT 2. REMOVED P/N 206SD-100-26 FROM BOM. 0.37(REF) WAS 0.43(REF), FWD FLANGE DIMS EVISED TO ALLOW HISTORICAL ACTUAL RANGE. MOVED EDGE DISTANCE SPECIFICATIONS TO NOTES 7 AND 8. PLACED NOTE 9 ON SHT 1. SELECTED DIMS DEFINED AS REFERENCE. ADDED 90 DEGREE ANGLE, ACCEPTABLE TRIM RADII.	REB	LS	REB
3/25/15	C	UPDATED SUGGESTED VENDOR ON -10, CHANGED GLASS CLOTH WAS "3 LAYERS OF 7.3 OZ GLASS GLOTH" AND CHANGED GLASS MAT WAS 1" LAYER OF 1.5 OZ GLASS MAT".	PDM	LS	JT
3/15/22	D	REFORMATTED DRAWING. CLARIFIED AND REFORMATTED DIMENSIONS. ADDED SHEETS 4 AND 5. REPLACED ES00130-1 WITH 407SD-100-3, 407SD-100-4, 407SD-100-5, AND 407SD-100-6. MODIFIED NOTE 5 TO INCLUDE 407SD-100-(3/4/5/6) RATHER THAN ES00130-(X). ADDED NOTE 10.	DT	ZA	DT

## BOM

-1 ASSY. QTY.	-2 ASSY. QTY.	P/N	DESCRIPTION
1		407SD-100-11	RH DEFLECTOR
	1	407SD-100-10	LH DEFLECTOR
1	1	407SD-100-3	NEOPRENE RUBBER
1	1	407SD-100-4	NEOPRENE RUBBER
1		407SD-100-5	NEOPRENE RUBBER
	1	407SD-100-6	NEOPRENE RUBBER
17 IN.	17 IN.	ES00140-4	EXTRUSION RUBBER

UNLESS OTHERWISE SPECIFIED  
DRAWINGS INTERPRETED  
PER ASME Y14.100-2004  
DIMENSIONS INTERPRETED  
PER ASME Y14.5-2009  
DIMENSIONS IN INCHES  
SURFACE ROUGHNESS:  $R_a$   
REMOVE BURRS & BREAK EDGES  
0.005 TO 0.015

$\pm$  0.01  
XX  $\pm$  0.005  
ANGLES  $\pm$  1°

THREADS  
INTERNAL: CLASS 2B  
EXTERNAL: CLASS 2A

APPROVALS	DATE
DRAWN DT	3/15/22
CHECKED ZA	3/15/22
APPROVED DT	3/15/22

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THIRD ANGLE PROJECTION

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DOCUMENT TITLE  
SNOW DEFLECTOR ASSEMBLY

DRAWING NUMBER  
407SD-100

CAGE CODE  
3CMA0

REV  
D

ECO

DO NOT SCALE DRAWING

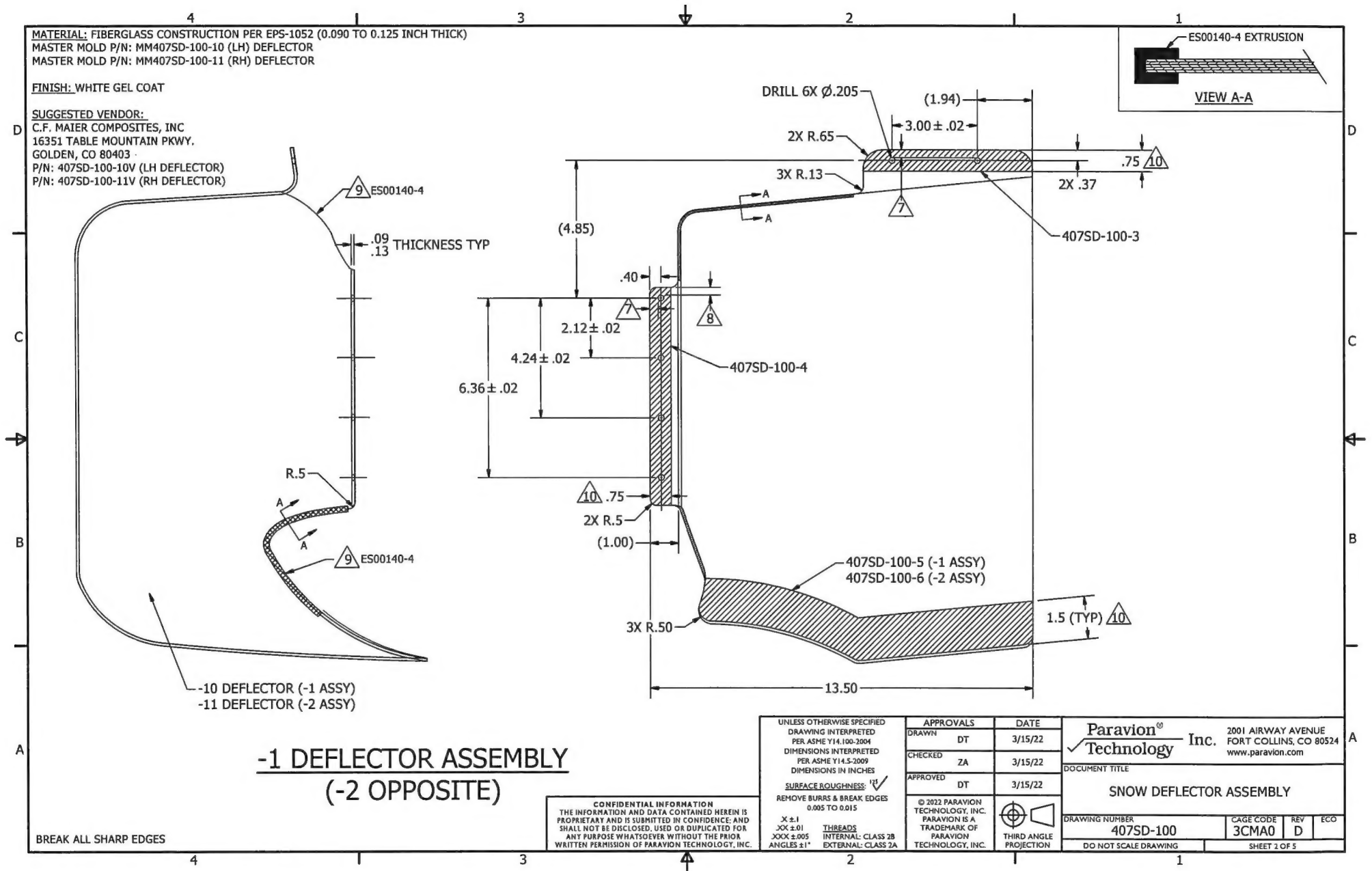
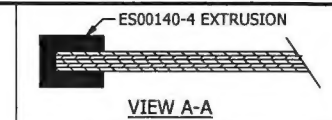
SHEET 1 OF 5

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MATERIAL: FIBERGLASS CONSTRUCTION PER EPS-1052 (0.090 TO 0.125 INCH THICK)  
 MASTER MOLD P/N: MM407SD-100-10 (LH) DEFLECTOR  
 MASTER MOLD P/N: MM407SD-100-11 (RH) DEFLECTOR

FINISH: WHITE GEL COAT

SUGGESTED VENDOR:  
 C.F. MAIER COMPOSITES, INC.  
 16351 TABLE MOUNTAIN PKWY.  
 GOLDEN, CO 80403  
 P/N: 407SD-100-10V (LH DEFLECTOR)  
 P/N: 407SD-100-11V (RH DEFLECTOR)



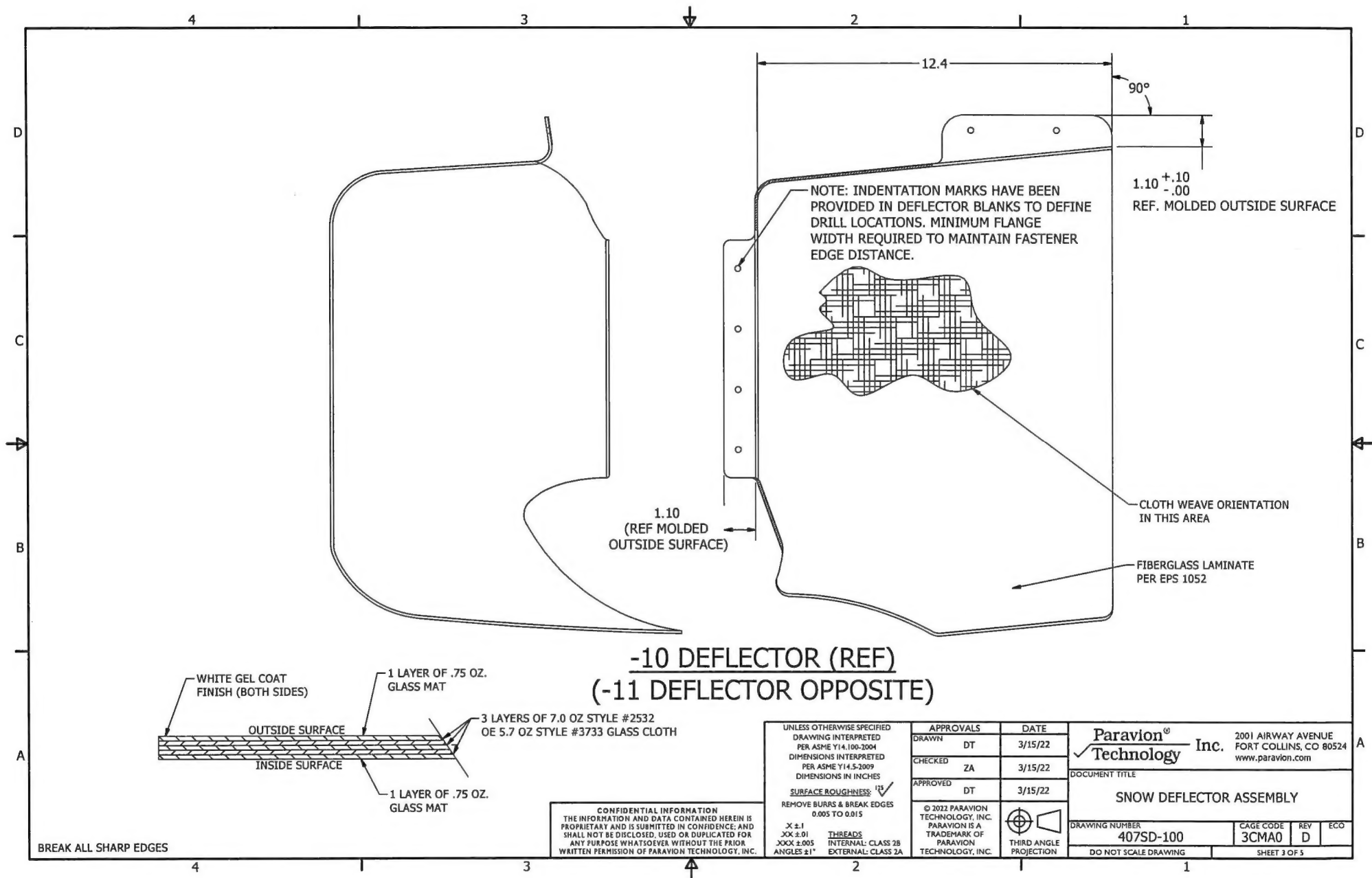
# **-1 DEFLECTOR ASSEMBLY (-2 OPPOSITE)**

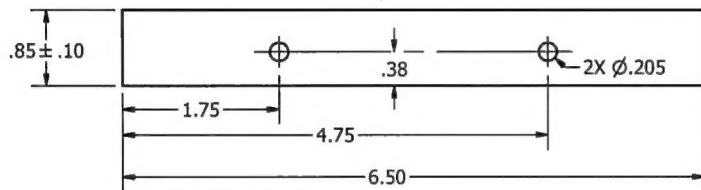
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UNLESS OTHERWISE SPECIFIED  
 DRAWING INTERPRETED  
 PER ASME Y14.100-2004  
 DIMENSIONS INTERPRETED  
 PER ASME Y14.5-2009  
 DIMENSIONS IN INCHES  
 SURFACE ROUGHNESS:  $R_a$   
 REMOVE BURRS & BREAK EDGES  
 0.005 TO 0.015  
 X ± 1  
 XX ± 0.1  
 XXX ± 0.005  
 ANGLES ± 1°  
 THREADS  
 INTERNAL: CLASS 2B  
 EXTERNAL: CLASS 2A

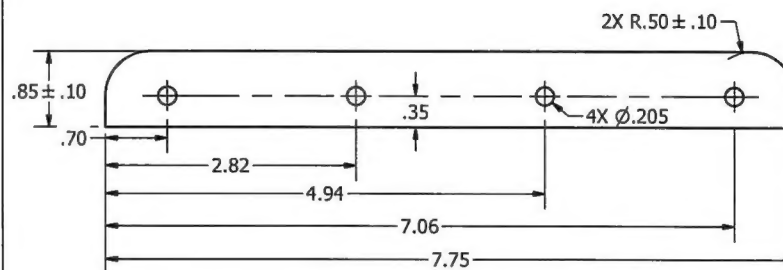
APPROVALS		DATE
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APPROVED	DT	3/15/22

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DOCUMENT TITLE	
SNOW DEFLECTOR ASSEMBLY	
DRAWING NUMBER	CAGE CODE
407SD-100	3CMA0
DO NOT SCALE DRAWING	REV D
SHEET 2 OF 5	





**407SD-100-3**  
MATERIAL: MAKE FROM ES00130-1



**407SD-100-4**  
MATERIAL: MAKE FROM ES00130-1

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DRAWING INTERPRETED  
PER ASME Y14.100-2004  
DIMENSIONS INTERPRETED  
PER ASME Y14.5-2009  
DIMENSIONS IN INCHES  
SURFACE ROUGHNESS:  $R_a$   
REMOVE BURRS & BREAK EDGES  
0.005 TO 0.015  
X ± .1  
XX ± .01  
XXX ± .005  
ANGLES ± 1°  
THREADS  
INTERNAL: CLASS 2B  
EXTERNAL: CLASS 2A

APPROVALS		DATE
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DOCUMENT TITLE	
SNOW DEFLECTOR ASSEMBLY	
DRAWING NUMBER	CAGE CODE
407SD-100	3CMA0
REV	ECO
D	ECO
DO NOT SCALE DRAWING	
SHEET 4 OF 5	

